

03050205-020
(Cattle Creek)

General Description

Watershed 03050205-020 is located in Orangeburg and Dorchester Counties and consists primarily of *Cattle Creek* and its tributaries. The watershed occupies 42,982 acres of the Lower Coastal Plain region of South Carolina. The predominant soil types consist of an association of the Rains-Lynchburg-Goldsboro series. The erodibility of the soil (K) averages 0.19; the slope of the terrain averages 1%, with a range of 0-2%. Land use/land cover in the watershed includes: 0.04% urban land, 14.22% agricultural land, 10.58% scrub/shrub land, 0.95% barren land, 48.11% forested land, 26.09% forested wetland (swamp), and 0.01% water.

Cattle Creek originates near the Town of Bowman and accepts drainage from Sandy Run, Murray Branch, Mill Branch, and Big Branch before flowing into the Edisto River. There are a total of 56.6 stream miles in this watershed, all classified FW.

Water Quality

<u>Station #</u>	<u>Type</u>	<u>Class</u>	<u>Description</u>
E-108	W	FW	CATTLE CREEK AT S-18-19

Cattle Creek (E-108) - Aquatic life uses are partially supported based on macroinvertebrate community data. Recreational uses are not supported due to fecal coliform bacteria excursions.

A fish consumption advisory has been issued by the Department for mercury and includes the streams within this watershed (see advisory p.31).

Permitted Activities

Point Source Contributions

There are currently no point source dischargers in this watershed.

Mining Activities

MINING COMPANY
MINE NAME

PERMIT #
MINERAL

DORCHESTER COUNTY
HARTZOG PIT

0412-18
SAND/CLAY

Growth Potential

There is a low potential for growth in this watershed.